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U.S. Department of Commerce  
Patent and Trademark Office

**Complete if Known**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)


Application Number: 09/805,887  
Filing Date: March 15, 2001  
First Named Inventor: Rajiv LAROIA  
Group Art Unit: 2665  
Examiner Name: Steven H. D. Nguyen

Sheet	1	of	2
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**Attorney Docket No.: Flarion-F1 (29)**

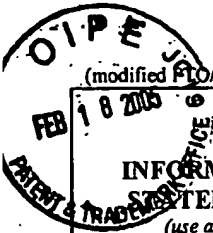
## U.S. PATENT DOCUMENTS

[illegible][illegible]

Examiner Signature		Date Considered	2/5/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached kinds of U.S. Patent Documents. 3 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16, if possible. 6 Applicant is to place a check mark here if English language translation is attached.



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Sheet 2 of 2

**OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, country, where published, source	T <sup>2</sup>
AG		J. M. Kappes and S. I. Sayegh, "Programmable Demultiplexer/Demodulator Processor", Comsat Laboratories, pages 230-234.	

Examiner Signature		Date Considered	7/5/05
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Complete if Known

App. # **09/805,887**  
Filing Date: **March 15, 2001**  
First Named Inventor: **Rajiv LAROIA**  
Group Art Unit: **Not yet assigned**  
Examiner Name: **Not yet assigned**  
Attorney Docket No.: **Flarion-F1 (29)**

Sheet	1	of	2
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Examiner Signature		Date Considered	
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\*EXAMINER: Initials of person who examined the specimen.

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 First Named Inventor: Rajiv LAROA  
 Group Art Unit: Not yet assigned  
 Examiner Name: Not yet assigned  
 Attorney Docket No.: Flarion-F1 (29)

Sheet 2 of 2


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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, country, where published, source	T <sup>2</sup>
JP	AB	Tellado, "Multicarrier Modulation with Low Par", Kluwer Academic, Dordrecht, NL XP-002199500, (2000), pgs. 6-11 and 55-60.	
JB	AC	Bahai, Saltzberg, "System Architecture", Multi-Carrier Digital Communications, Kluwer Academic, New York, XP-002199501, (1999), pgs. 17-21.	
JD	AD	Bingham, "Other Types of MCM", ADSL, VDSL, and Multicarrier Modulation, John Wiley & Sons, New York, XP-002199502, (2000), pgs. 111-113.	

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Substitute Form PTO-449 (Modified)  <b>Information Disclosure Statement</b> by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 11585-008001	Application No. 09/805,887
	Applicant Rajiv Laroia et al.		
	Filing Date March 15, 2001	Group Art Unit 2661	

### U.S. Patent Documents

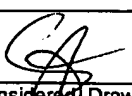
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
✓	AA	5,548,582	08/20/1996	Brajai et al.			
✓	AB	5,410,538	04/25/1995	Roche et al.			
✓	AC	5,282,222	01/25/1994	Fattouche et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
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	AR	
	AS	
	AT	

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